

Fig. 1

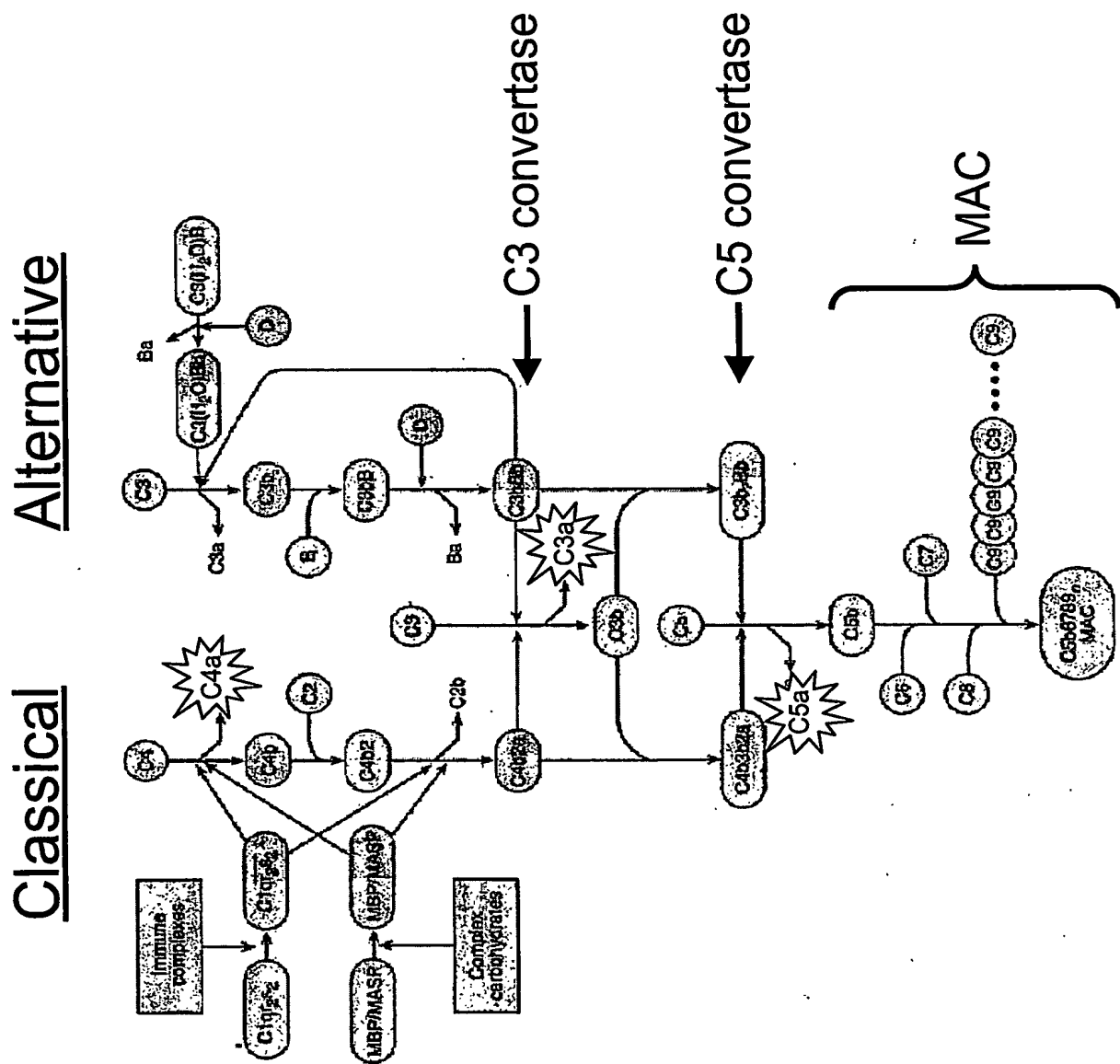


Fig. 2

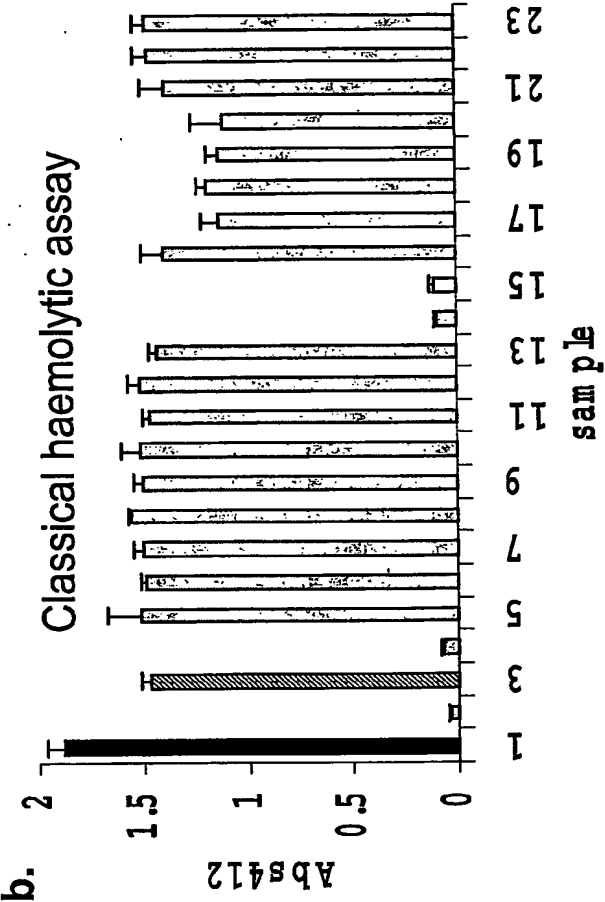
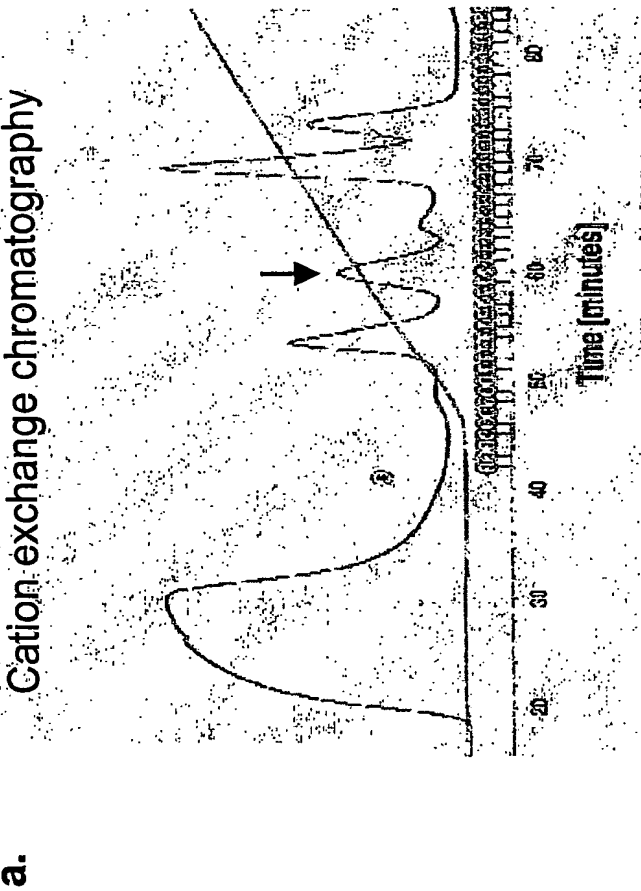
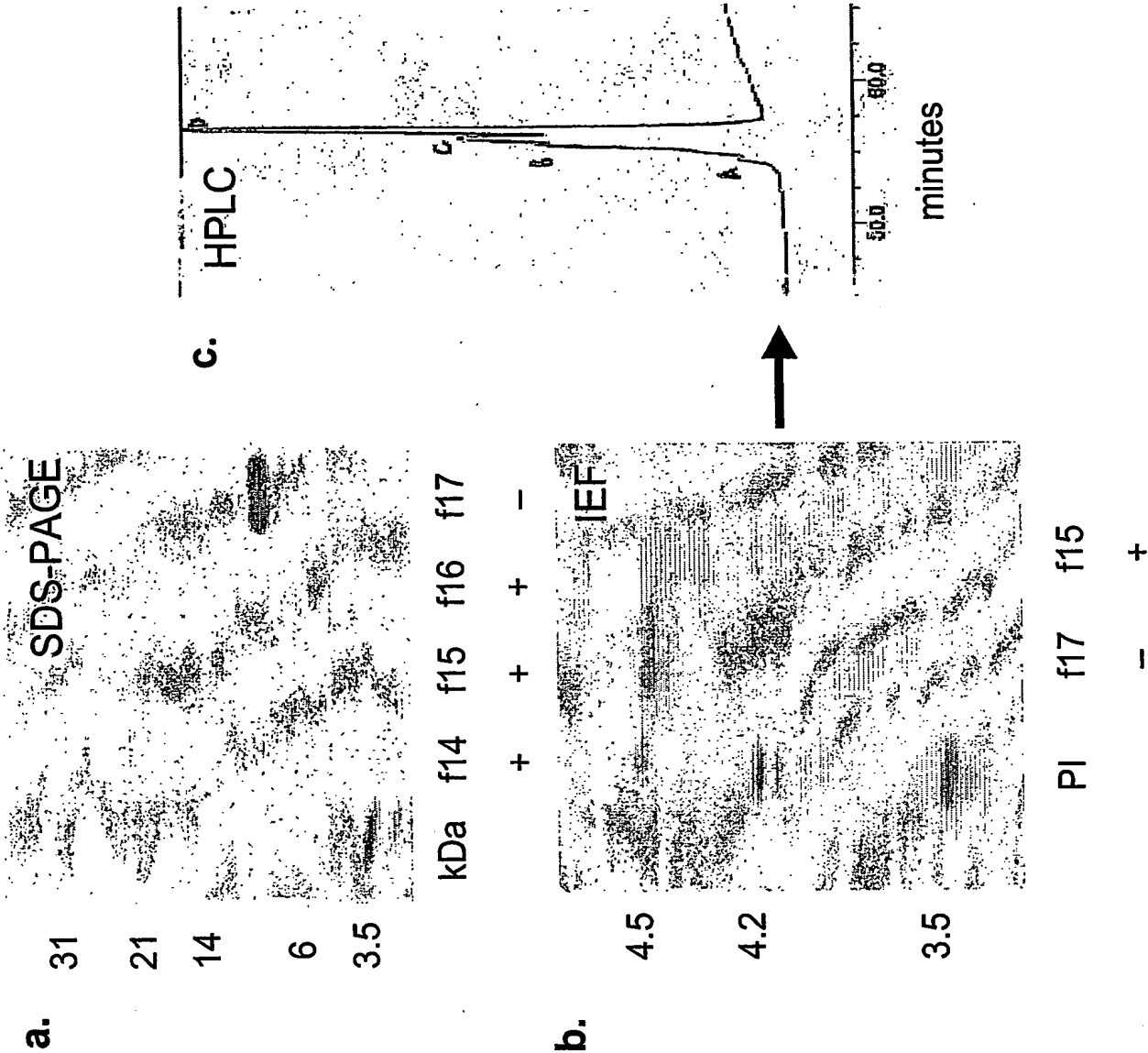


Fig. 3



**Fig. 4**

ATGCTGGTTTGGTGACCCCTGATTTTCTCCTTTTCTGCGAACATCGCATATGCTGACAGC 60  
M L V L V T L I F S F S A N I A Y A 20  
 GAAAGCGACTGCACTGGAAGCGAACCTGTGTGACGCCCTTCCAAGCTTTCAGTGAGGGCAA 120  
 E S D C T G S E P V D A F Q A F S E G K 40  
 GAGGCATATGTCCTGGTGAGGTCCACGGATCCAAAGCGAGGACTGCTTGAAAGGAGAA 180  
 E A Y V L V R S T D P K A R D C L K G E 60  
 CCAGCCGGAGAAAAGCAGGACAACACGTTGCCGGTGATGATGACGTTTAAGAATGGCACA 240  
 P A G E K Q D N T L P V M T F K N G T 80  
 GACTGGGCTTCAACCGATTGGACGTTTACTTTGGACGGCGCAAAGGTAAACGGCAACCTT 300  
 D W A S T D W T F T L D G A K V T A T L 100  
 GGTAACCTAACCCAAAATAGGGAAGTGGTCTACGACTCGCAAAGTCATCACTGCCACGTT 360  
 G N L T Q N R E V V Y D S Q S H H C H V 120  
 GACAAGTTCGAGAAGGAAGTTCAGATTATGAGATGTGGATGCTCGGAGGGGCTT 420  
 D K V E K E V P D Y E M W M L D A G G L 140  
 GAAGTGGAAGTCGAGTGTGCCGTCAAAGCTTGAAGAGTTGGCGTCTGGCAGGAACCAA 480  
 E V E V E C C R Q K L E E L A S G R N Q 160  
 ATGTATCCCCATCTCAAGGACTGCTAG 507  
 M Y P H L K D C \* 168

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Fig. 5

OmCI .MLVLVTLIFSFSA<sup>1</sup>NIAYADSESD<sup>2</sup>CSGSEPVDAFQAFSEGKEAY<sup>3</sup>VLVRST<sup>4</sup>  
 TSGP3 MMLVLA<sup>5</sup>TVILSFSASTALAD<sup>6</sup>...CPTGKPT<sup>7</sup>EAYVAFNEGKGAY<sup>8</sup>ILVRST<sup>9</sup>  
 TSGP2 MMLVLA<sup>10</sup>TVILSFSASTALAD<sup>11</sup>...CPTGKPT<sup>12</sup>DAYVAFNEGQGAY<sup>13</sup>ILVKST<sup>14</sup>  
 Moubatin MMLVLA<sup>15</sup>TTLIFSFSA<sup>16</sup>SIAYAQSG<sup>17</sup>..CSVSDPLDALKAFKDGAGTFL<sup>18</sup>LQKST<sup>19</sup>  
 \*\*\*\*\* \* \* \* \* \*

OmCI DPKARD<sup>1</sup>CLKGEPAGEKQDN<sup>2</sup>TLPVM<sup>3</sup>TFKNGTDWASTDW<sup>4</sup>TFLDGA<sup>5</sup>KVTAT<sup>6</sup>  
 TSGP3 NLNARD<sup>7</sup>CLKGEATGKKEGN<sup>8</sup>TLPVMA<sup>9</sup>AFKDEGKM<sup>10</sup>VS<sup>11</sup>LPW<sup>12</sup>TFTLDG<sup>13</sup>PKVTAT<sup>14</sup>  
 TSGP2 DLDARD<sup>15</sup>CLKGSATGKKEGN<sup>16</sup>KVPVMA<sup>17</sup>AFKNEGQW<sup>18</sup>VS<sup>19</sup>LPW<sup>20</sup>TFTLDG<sup>21</sup>PKVTAT<sup>22</sup>  
 Moubatin DPOARD<sup>23</sup>CLKGTPNGNRDGN<sup>24</sup>TLPVT<sup>25</sup>MTYKDDSKW<sup>26</sup>VS<sup>27</sup>LNWM<sup>28</sup>FTLEGANIVAT<sup>29</sup>  
 \*\*\*\*\* \* \* \* \* \*

OmCI L.GNLTQNR<sup>1</sup>VVYDSQSH<sup>2</sup>CHVDK<sup>3</sup>VEKEVPDYEMWMLDAGGLEVEVE<sup>4</sup>CCCR<sup>5</sup>  
 TSGP3 H.GORTLKGEVVDVPSHH<sup>6</sup>CHIEK<sup>7</sup>LES<sup>8</sup>GA..YDMWMLEAGGLEVDIE<sup>9</sup>CCCN<sup>10</sup>  
 TSGP2 D.GORTLKREVVDVASHH<sup>11</sup>CHVEK<sup>12</sup>LASGA..YEMWMLEAGGLEVDIE<sup>13</sup>CCCN<sup>14</sup>  
 Moubatin LEGKRKQ<sup>15</sup>RGELVYDVQSHD<sup>16</sup>CHITKLSSGV<sup>17</sup>..YQWQ<sup>18</sup>SNGSADDDKDIK<sup>19</sup>CCCD<sup>20</sup>  
 \* \* \* \* \*

OmCI QKLEELASGRNQMPHLKDC.....  
 TSGP3 KRYDEL<sup>1</sup>TSGQVVIRPQDKDC.....  
 TSGP2 KKYDEL<sup>2</sup>TSGQVVIRPQDKDC.....  
 Moubatin EKFKEL<sup>3</sup>TSGIDYTKPQEKGC<sup>4</sup>ETSAK<sup>5</sup>  
 \*\* \*\* \*

Fig. 6

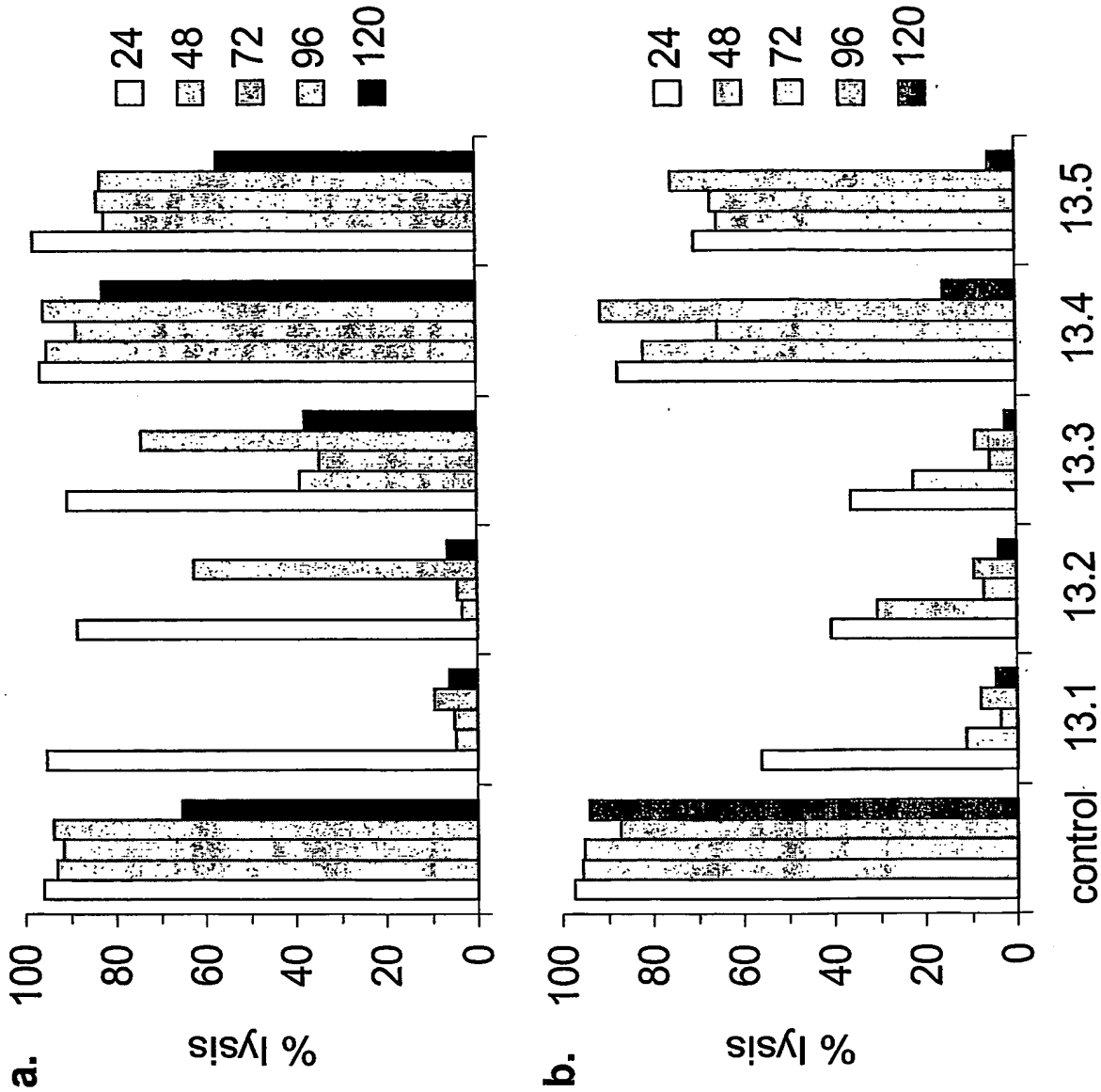
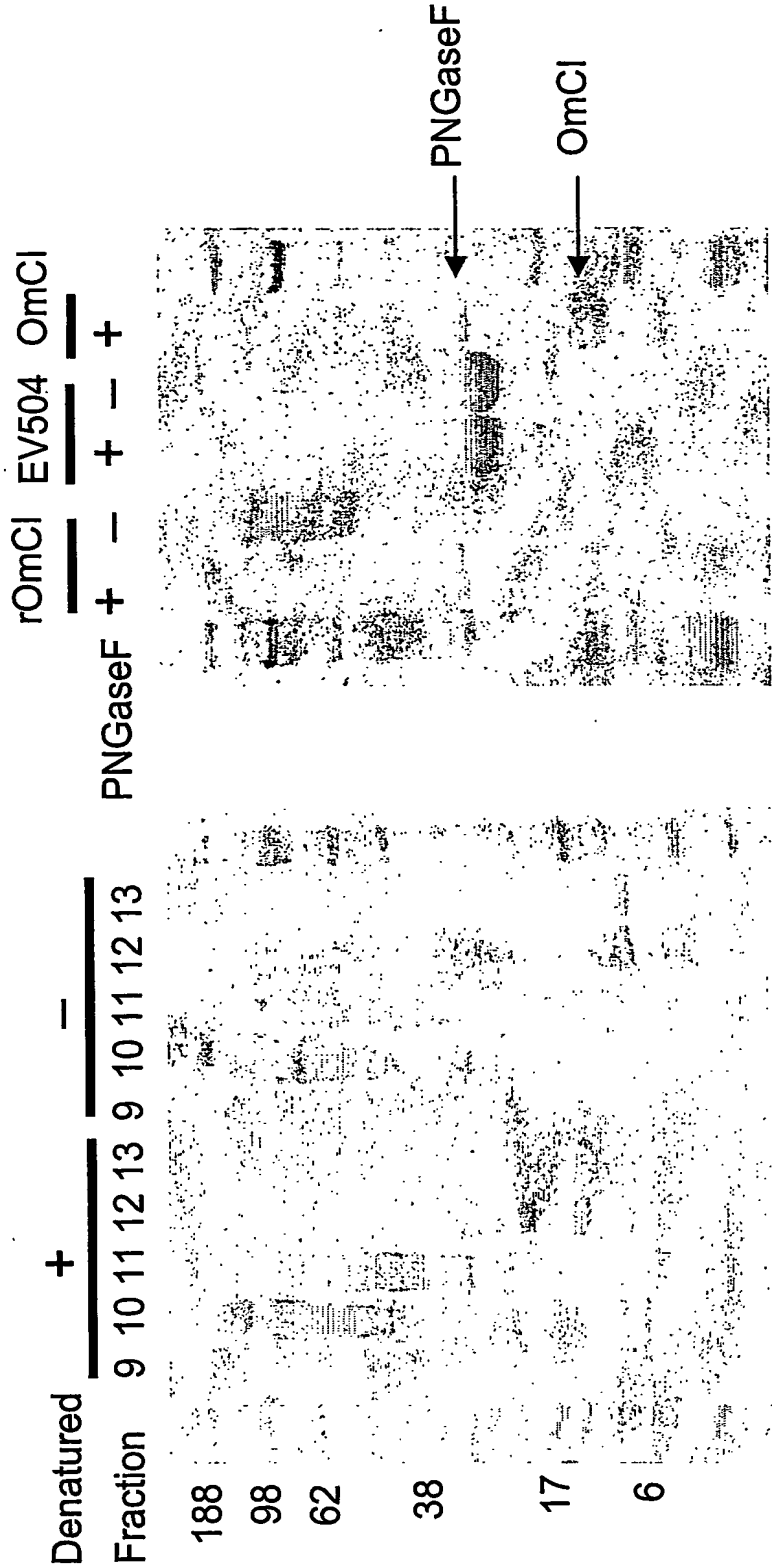


Fig. 7a

b



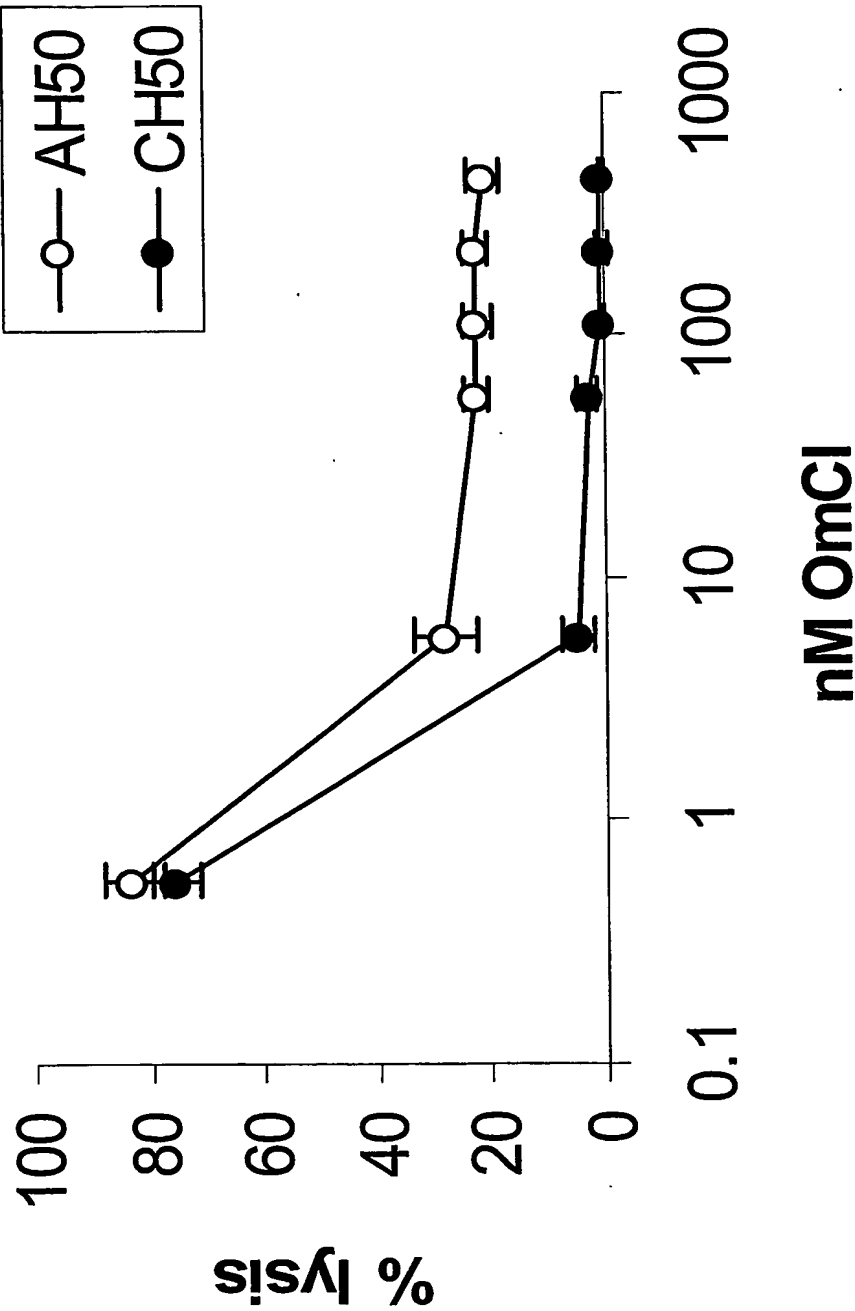


Fig. 8



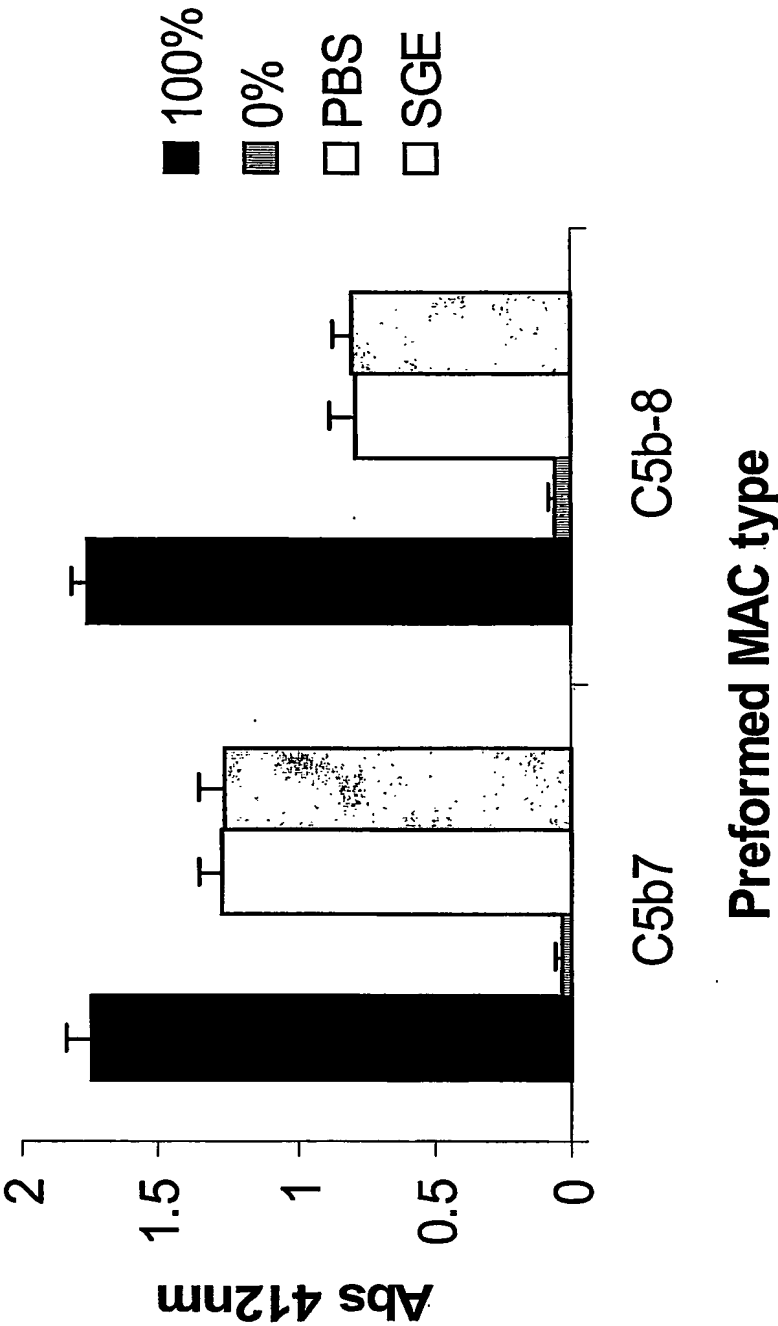
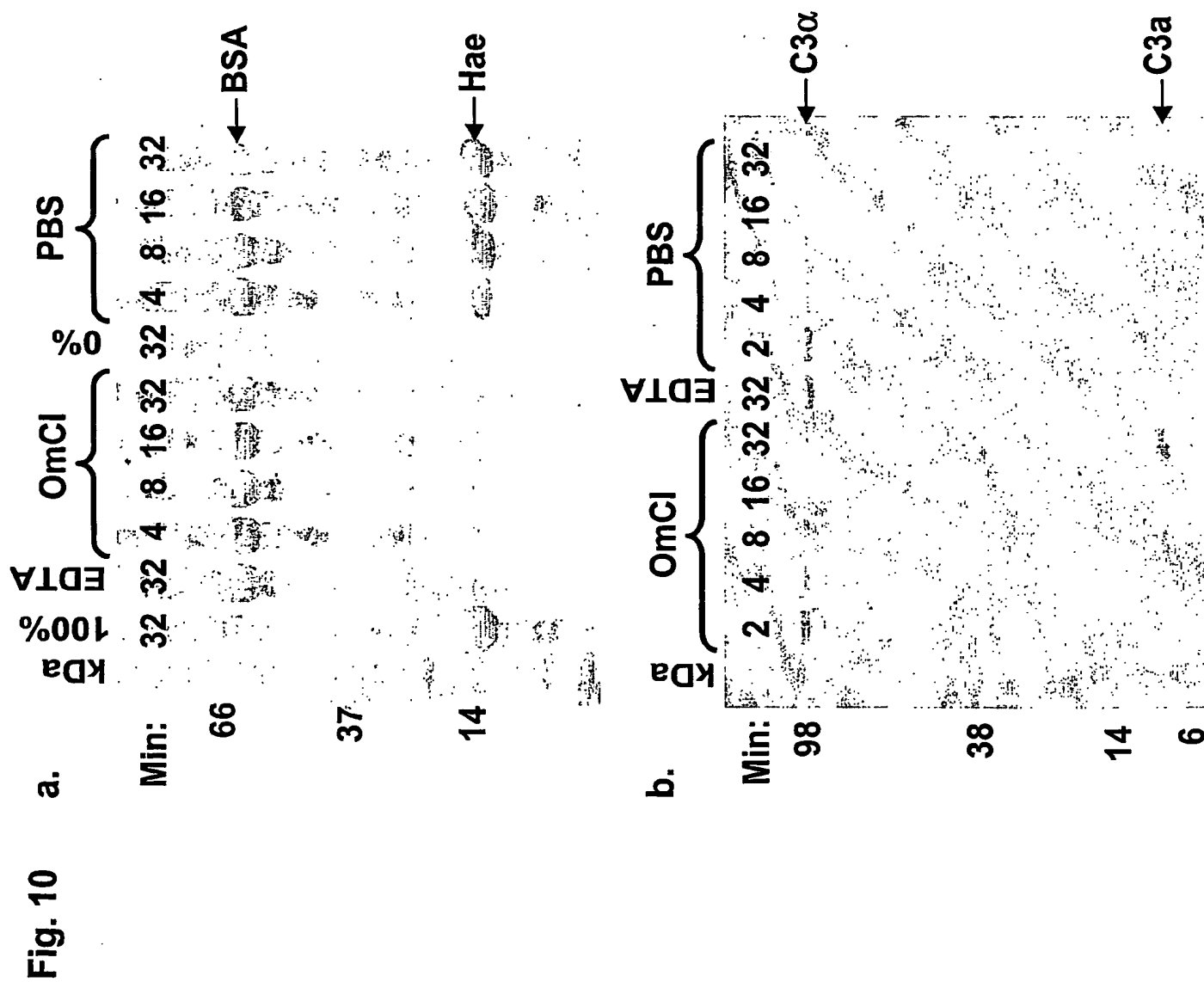


Fig. 9

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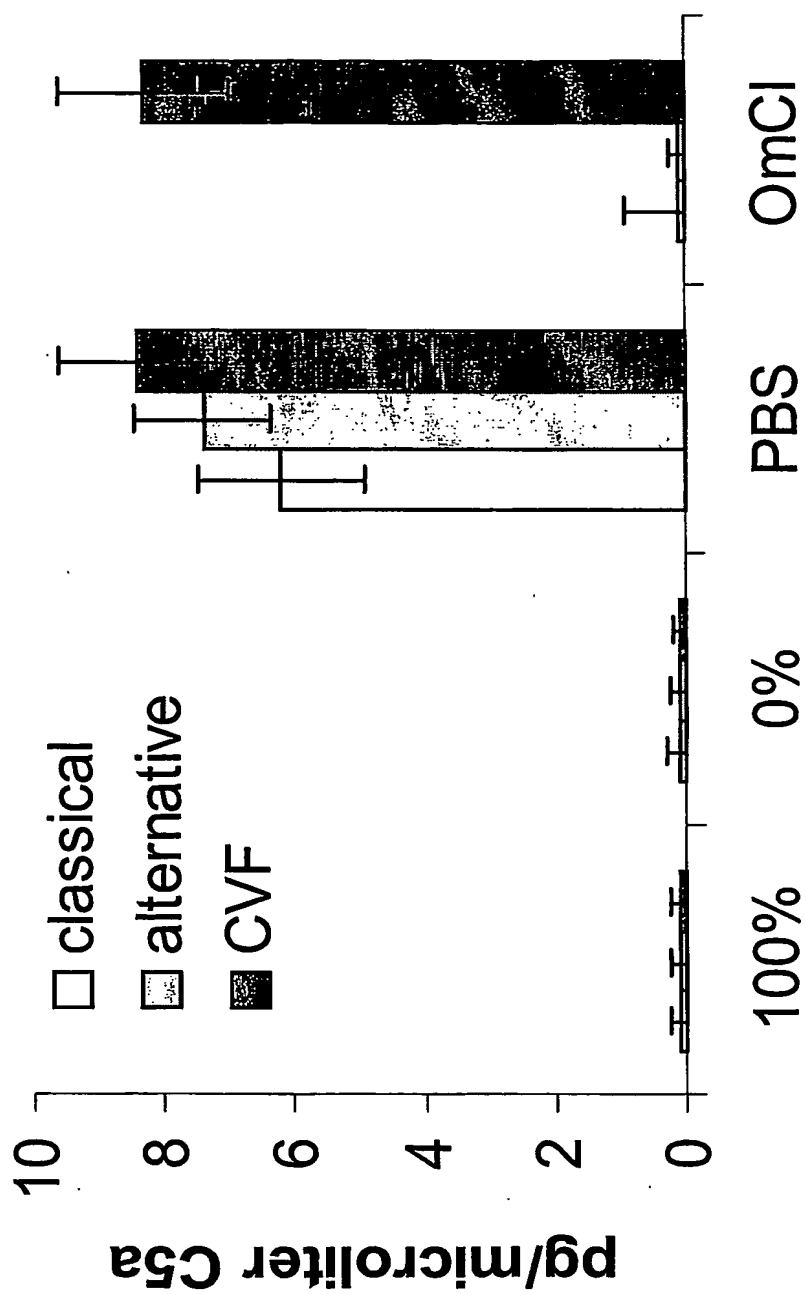
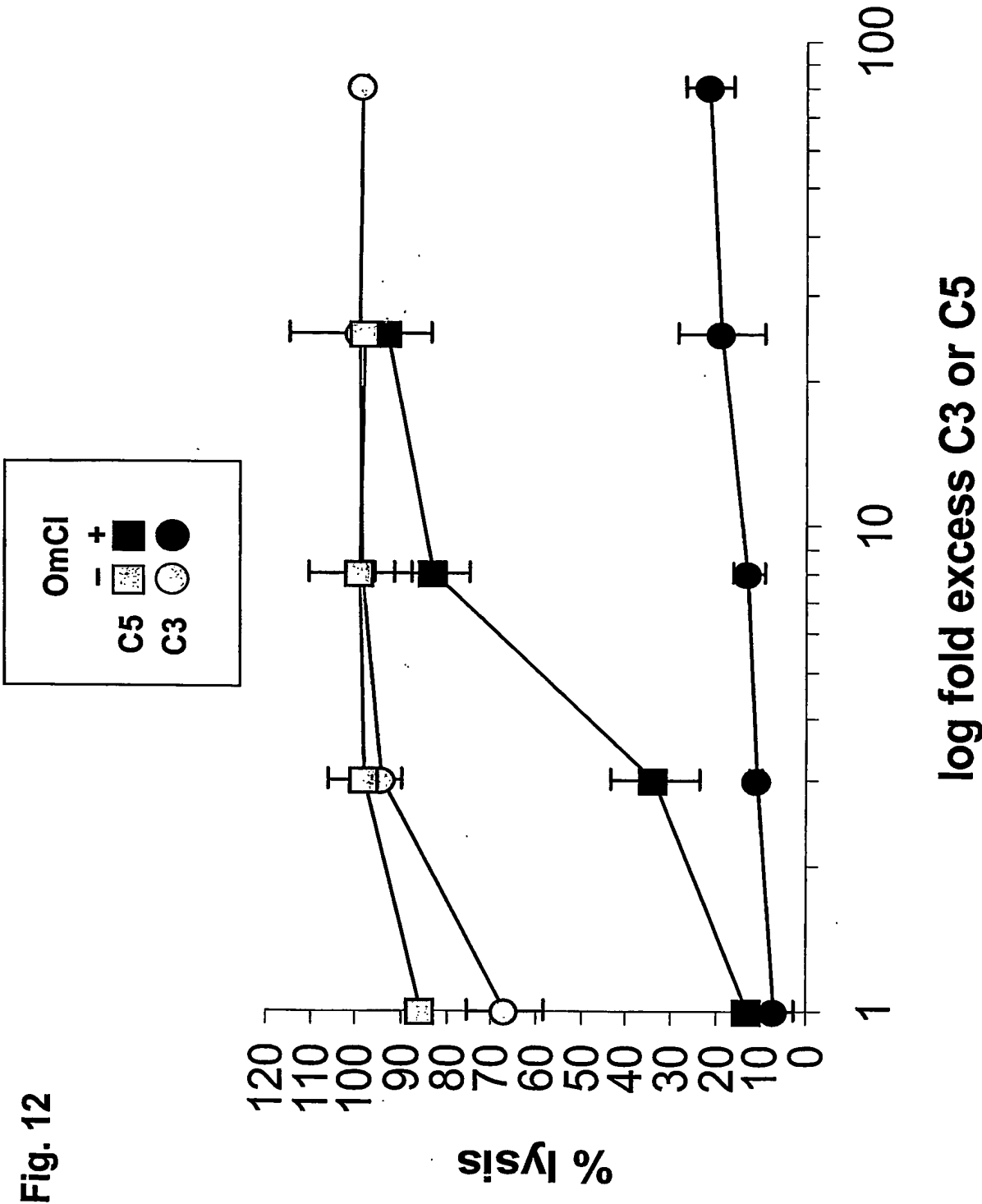


Fig. 11



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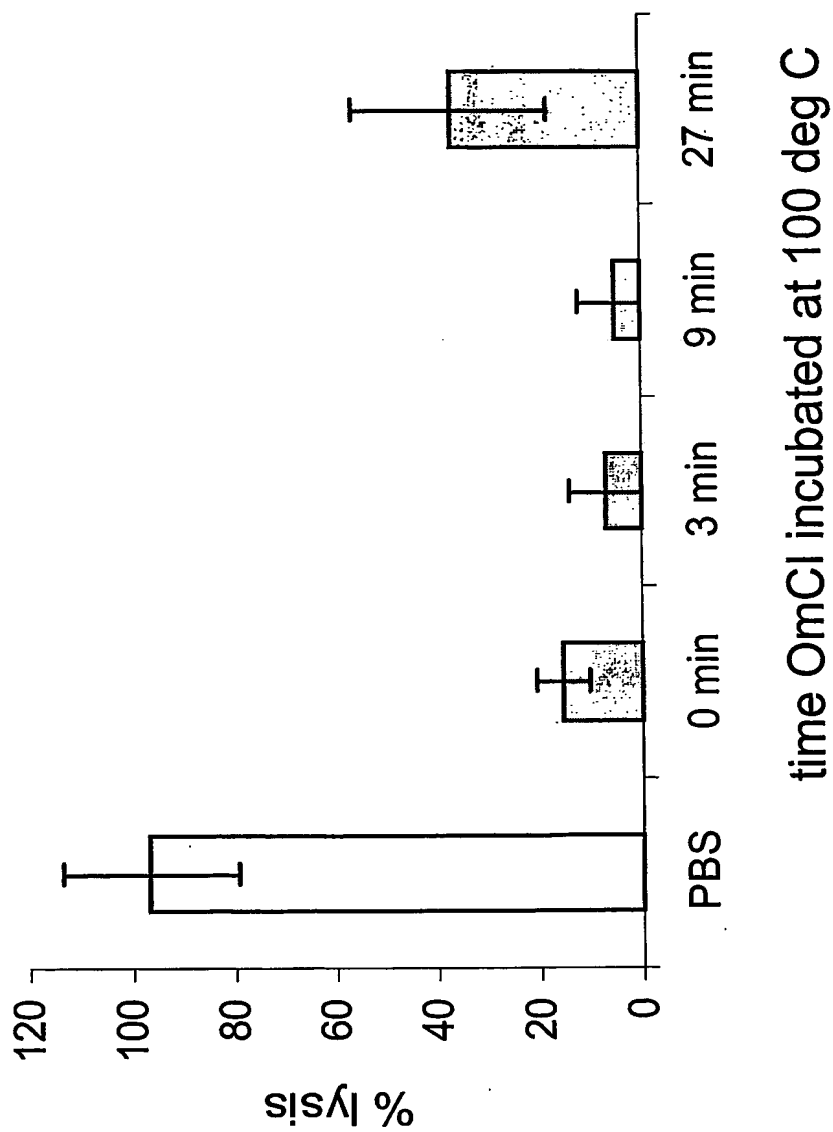


Fig. 13

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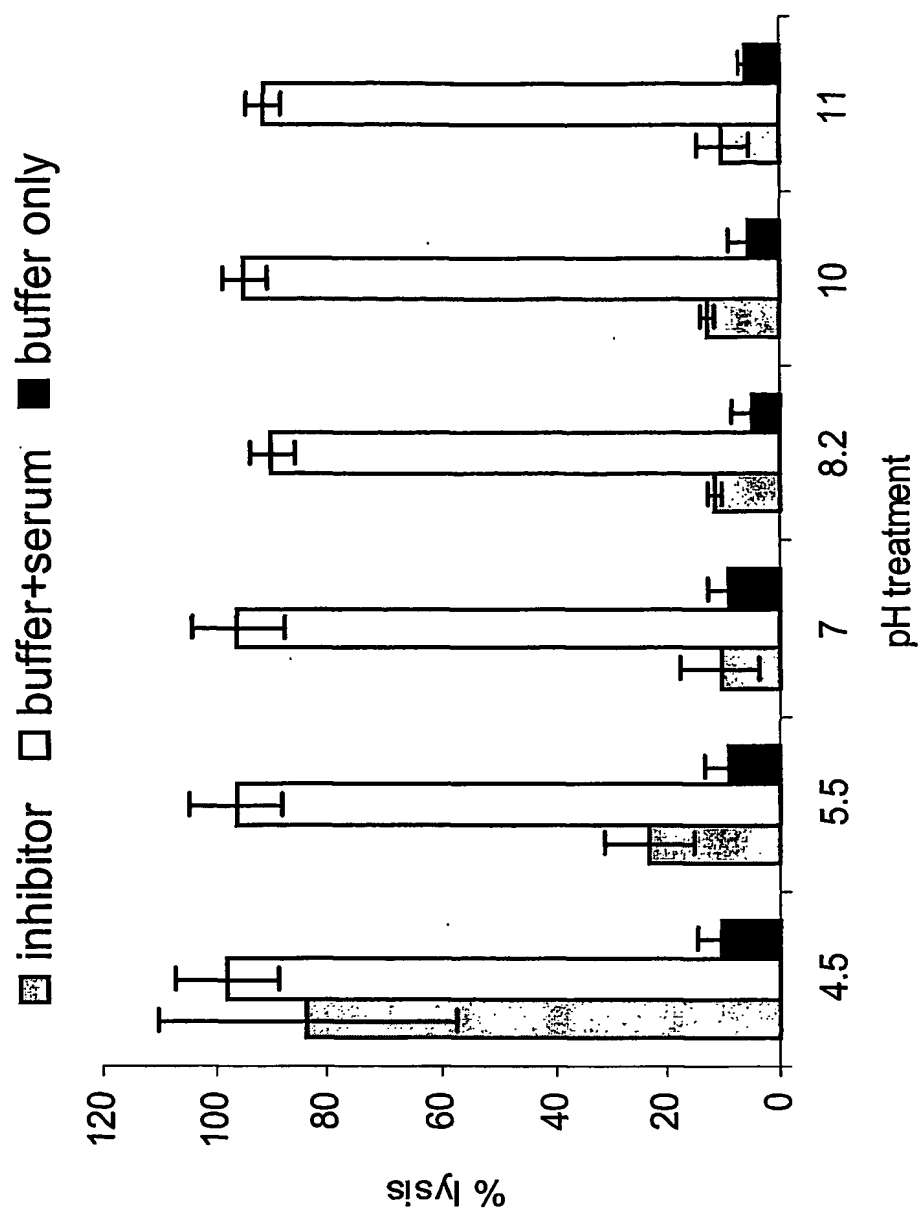
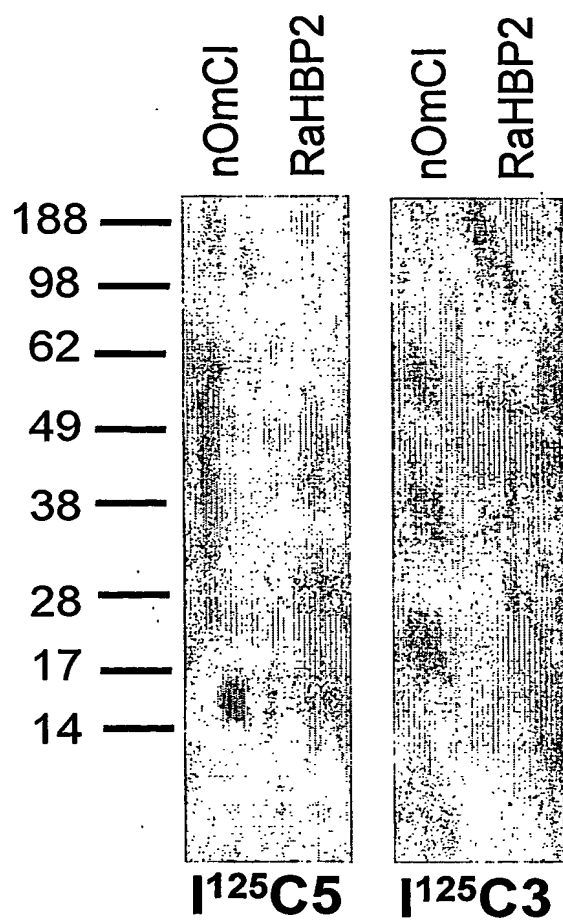


Fig. 14

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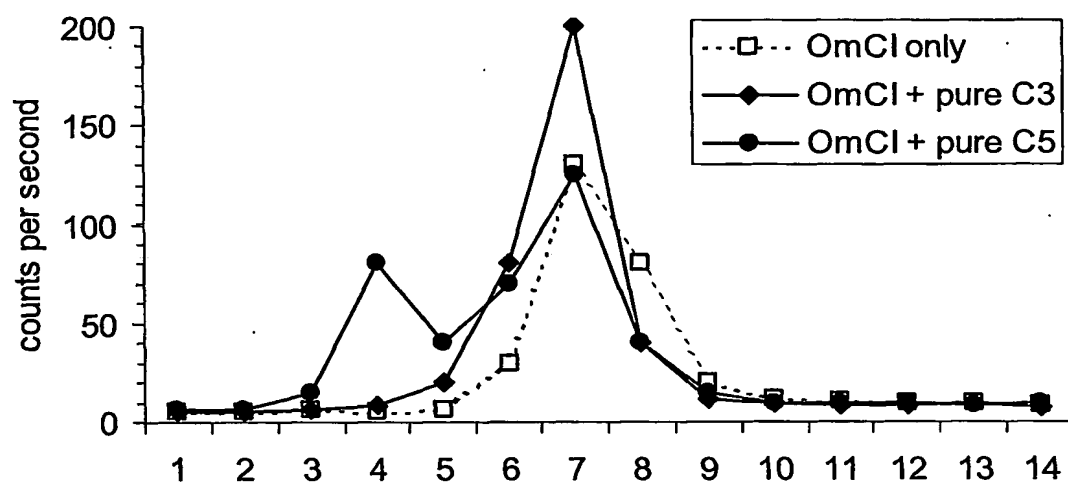
Fig. 15



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Figure 16

a.



b.

